

CRA

Consulting Engineers

CONESTOGA-ROVERS & ASSOCIATES LIMITED651 Coiby Drive,
Waterloo, Ontario, Canada N2V 1C2
(519) 884-0510

December 28, 1990

Reference No. 2980

Mr. Brad Bradley
United States Environmental Protection Agency
Region V (5HE)
230 South Dearborn Street
Chicago, Illinois
U.S.A. 60604

Dear Mr. Bradley:

Re: Modification to Second Work Plan Supplement - Amendment A
Manville Remediation Site
Waukegan, Illinois

Manville is proposing a change to the width of the roadway specified in the Second Work Plan Supplement - Amendment A to be constructed over the existing roadway around the borrow pit area. This modification was discussed and verbally approved by you during the site meeting of December 18, 1990. As requested by you, this letter seeks formal approval from USEPA for the requested modification.

Specifically, the proposed roadway will be configured as follows:

- i) The roadway on the easterly leg will be 16 feet in width as originally proposed in the Second Work Plan Supplement - Amendment A. All ACM which is presently located on adjacent sideslopes or against the perimeter fence (originally part of the existing road base) will be removed and placed in the center of the existing roadway prior to constructing the new roadway. A 6-inch thick topsoil layer and a vegetative cover will be provided over the side slopes of the borrow pit/roadway to prevent erosion of the side slopes.
- ii) The approximate easterly 50 percent of the northerly leg will be constructed similar to the easterly leg, including provision of topsoil and a vegetative cover on the borrow pit/roadway side slopes.
- iii) The westerly approximate 50 percent of the northerly leg and the westerly leg, both sections where dense vegetation borders the existing roadway, will be constructed to a width equivalent to that of the existing roadway. As for the other sections, previously disturbed ACM along the fenceline or roadway edge will be picked up and placed in the center of the existing roadway prior to constructing the new road.

December 28, 1990

Reference No. 2980

- 2 -

- iv) The structural details of the new road (Class II) will remain as originally specified as will all conditions and terms stipulated by the Second Work Plan Supplement. The enforceable completion date for this work will remain as May 31, 1991.

Manville will proceed with construction of the new roadway as described on the basis of your verbal approval of December 18, 1990. Your prompt attention to providing us with written formal approval would be appreciated.

Please contact the undersigned should you require further information or clarification.

Yours truly,

CONESTOGA-ROVERS & ASSOCIATES



Richard G. Shepherd, P. Eng.

RGS/ec/4

c.c.: D. Wheeler
B. Ray
S. Jung